Int It Application No PCT/IB2004/050956

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04L12/56 H04L12/407 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) H04L IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-4,11,Χ WO 01/28170 A (BEYER DAVID A; FULLMER 17,18,25 CHANE L (US); GARCIA LUNA ACEVES J JOAQUIN (US) 19 April 2001 (2001-04-19) 5,6,12, Υ abstract 13,19,20 page 3, line 23 - page 4, line 9 page 6, line 10 - line 16 page 8, line 25 - page 11, line 15 page 15, line 1 - page 24, line 24; figures 1-4 US 2002/163933 A1 (BENVENISTE MATHILDE) 5,6,12, Υ 13,19,20 7 November 2002 (2002-11-07) abstract Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the act. citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 1 0. 11. 04 15 September 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Jimenez Hernandez, P Fax: (+31-70) 340-3016

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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	FC1/1B2004/030930	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.	
Х	WO 02/21769 A (NOKIA NETWORKS; GARCIA LUNA ACEVES JOSE J (US); FULLMER CHANE (US)) 14 March 2002 (2002-03-14) abstract page 4, line 11 - page 6, line 4 page 9, line 24 - page 11, line 6; figure 2	1-4,11, 17,18,25	
	page 22, line 21 - page 23, line 13; figures 1,2,4,7		
x	WO 95/01020 A (XIRCOM INC) 5 January 1995 (1995-01-05) abstract; figures 12-37 page 3, line 4 - page 7, line 24	1-4,11, 17,18,25	
A	US 6 192 053 B1 (ANGELICO DEAN ET AL) 20 February 2001 (2001-02-20)	1-6, 11-13, 17-20,25	
	the whole document		
A	BHARGHAVAN V ET AL: "MACAW: A MEDIA ACCESS PROTOCOL FOR WIRELESS LAN'S" COMPUTER COMMUNICATION REVIEW, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, vol. 24, no. 4,	1-6, 11-13, 17-20,25	
	1 October 1994 (1994-10-01), pages 212-225, XP000477053 ISSN: 0146-4833 the whole document		
A .	WEINMILLER J ET AL: "Analyzing and improving the IEEE 802.11-MAC protocol for wireless LANs" MODELING, ANALYSIS, AND SIMULATION OF COMPUTER AND TELECOMMUNICATION SYSTEMS, 1996. MASCOTS '96., PROCEEDINGS OF THE FOURTH INTERNATIONAL WORKSHOP ON SAN JOSE, CA, USA 1-3 FEB. 1996, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1 February 1996 (1996-02-01), pages 200-206, XP010161831 ISBN: 0-8186-7235-8 the whole document	1-6, 11-13, 17-20,25	
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Box II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1.	Claims Nos.: , because they relate to subject matter not required to be searched by this Authority, namely:			
2. 🗌	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:			
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This Inte	rnational Searching Authority found multiple inventions in this international application, as follows:			
	see additional sheet			
1	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.			
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
з. 🗀	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:			
4. X	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-6, 11-13, 17-20, 25			
Remark	on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.			

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6,11-13,17-20,25

Prioritizing of transmissions in a decentralized medium access control method and corresponding network according to claims 1 and 17 respectively.

1.1. claims: 2, 18

acknowledgement of reservation request

1.2. claims: 3,4

piggy-backing of reservation request/response

1.3. claim: 11

use of collision resolution mechanism for reservation request collisions

2. claims: 1,7,17,21

Reservation of periodic transmissions in a decentralized medium access control method and corresponding network according to claims 1 and 17 respectively.

3. claims: 1,8,9,10

Signalling of timing information regarding future transmission starting point in a decentralized medium access control method according to claim 1.

4. claims: 1,14-17,22-24

Use of revocation and/or update messages in a decentralized medium access control method and corresponding network according to claims 1 and 17 respectively.

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